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	L3	(decorin or PG-II or PG-40 or proteoglycan adj (II or 40)) same (pharmaceutical adj composition? or cosmetic adj composition? or dermatological composition?)	
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☐ 1. Document ID: US 20030124152 A1

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L2: Entry 1 of 15

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124152

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124152 A1

TITLE: Use of decorin in a cosmetic or dermatologic composition

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Pang, Danny Zhong Der Fullerton CA US

US-CL-CURRENT: <u>424/401</u>; <u>424/94.63</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

☐ 2. Document ID: US 20030032591 A1

L2: Entry 2 of 15 File: PGPB Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032591

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032591 A1

TITLE: Inhibitors of cell regulatory factors and methods for preventing or reducing scarring

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Ruoslahti, Erkki I. Rancho Santa Fe CA US Longaker, Michael T. San Francisco CA US Whitby, David J. Adel CA GB Harper, John R. Carlsbad CA US Pierschbacher, Michael D. San Diego UT US Border, Wayne A. Salt Lake City US

h e b b g e e e f b e

US-CL-CURRENT: 514/12; 514/54

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

☐ 3. Document ID: US 6517838 B1

L2: Entry 3 of 15

File: USPT

Feb 11, 2003

US-PAT-NO: 6517838

DOCUMENT-IDENTIFIER: US 6517838 B1

TITLE: Decorin binding protein essential peptides and methods of use

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hook; Magnus A. Houston TX Brown; Eric L. Bellaire TX

US-CL-CURRENT: 424/185.1; 424/130.1, 424/184.1, 424/234.1, 435/7.2, 530/324

Full Title Citation Front Review Classification Date Reference Security Claims KMC Draw Desc Image

☐ 4. Document ID: US 6509314 B1

L2: Entry 4 of 15 File: USPT Jan 21, 2003

US-PAT-NO: 6509314

DOCUMENT-IDENTIFIER: US 6509314 B1

TITLE: Methods of preventing or reducing scarring with decorin or biglycan

DATE-ISSUED: January 21, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ruoslahti; Erkki I. Rancho Santa Fe CA Border; Wayne A. Salt Lake City UT

US-CL-CURRENT: <u>514/8</u>; <u>514/2</u>, <u>530/350</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

5. Document ID: US 6277812 B1

L2: Entry 5 of 15 File: USPT Aug 21, 2001

US-PAT-NO: 6277812

h eb b g ee ef b e

Record List Display

DOCUMENT-IDENTIFIER: US 6277812 B1

TITLE: Methods for inhibiting TGF-.beta. activity

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ruoslahti; Erkki I. Rancho Santa Fe Yamaguchi; Yu San Diego

US-CL-CURRENT: <u>514/2</u>; <u>435/69.1</u>, <u>514/8</u>, <u>530/395</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	seduences:	Attacaments	Claims	KWC	Draw Desc	Imac
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CA

CA

6. Document ID: US 5958411 A

L2: Entry 6 of 15 File: USPT Sep 28, 1999

US-PAT-NO: 5958411

DOCUMENT-IDENTIFIER: US 5958411 A

TITLE: Methods of inhibiting ECM accumulation in the CNS by inhibition of TGF-.beta.

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Logan; Ann Worcestershire GB

Baird; Andrew San Diego CA

US-CL-CURRENT: 424/158.1; 514/12, 514/2, 530/387.1, 530/389.1

Full Title Citation Front Review Classification Date Reference Security Literature 15 Claims KMC Draw Desc	Full	Title	Citation	Front	Review	Classification	Date	Reference	Se was		Claims	KWIC	Drawi Desc	Imag
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☐ 7. Document ID: US 5763276 A

L2: Entry 7 of 15 File: USPT Jun 9, 1998

US-PAT-NO: 5763276

DOCUMENT-IDENTIFIER: US 5763276 A

** See image for <u>Certificate of Correction</u> **

TITLE: Processes for the purification of human recombinant decorin and the detection of quandinium ions

9

DATE-ISSUED: June 9, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

h eb b g ee ef b e

CA San Diego Craig; William S. CA Harper; John R. San Diego Hernandez; Sam D. Carlsbad CA Kostel; Paul J. San Diego CA Parker; Jonathan R. Jamul CA Vedvick; Thomas S. Carlsbad CA

US-CL-CURRENT: <u>436/111</u>; <u>435/4</u>, <u>436/149</u>, <u>530/395</u>

Full Title Citation Front Review Classification Date Reference Scousines Attachments Claims KWIC Draw Desc Image

□ 8. Document ID: US 5654270 A

L2: Entry 8 of 15

File: USPT

Aug 5, 1997

US-PAT-NO: 5654270

DOCUMENT-IDENTIFIER: US 5654270 A

** See image for Certificate of Correction **

TITLE: Use of fibromodulin to prevent or reduce dermal scarring

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ruoslahti; Erkki I. Rancho Santa Fe CA
Longaker; Michael T. San Francisco CA

Whitby; David J. Adel GB

US-CL-CURRENT: 514/8; 435/69.1, 514/2

Full Title Citation Front Review Classification Date Reference Sequences Attachinedos Claims KMC Draw Desc Image

☐ 9. Document ID: US 5650389 A

L2: Entry 9 of 15 File: USPT Jul 22, 1997

US-PAT-NO: 5650389

DOCUMENT-IDENTIFIER: US 5650389 A

TITLE: Methods for the inhibition of complement activation

DATE-ISSUED: July 22, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Krumdieck; Richard Birmingham AL Hook; Magnus A. O. Houston TX Volanakis; John E. Birmingham AL

h eb bgeeef ee ef be

Oct 22, 1996

US-CL-CURRENT: <u>514/8</u>; <u>435/2</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachinedis Claims KWC Draw Desc Image

File: USPT

US-PAT-NO: 5567807

L2: Entry 10 of 15

DOCUMENT-IDENTIFIER: US 5567807 A

** See image for Certificate of Correction **

TITLE: Processes for the purification of human recombinant decorin and the detection of

guanidinium ions

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Craiq; William S. CA San Diego Harper; John R. San Diego CA Kostel; Paul J. San Diego CA Parker; Jonathan R. Jamul CA Vedvick; Thomas S. Carlsbad CA

US-CL-CURRENT: 530/395; 530/412, 530/416

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sertiences "hachments	Claims	KWIC	Draw Desc	Image
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☐ 11. Document ID: EP 1230929 A1

L2: Entry 11 of 15

File: EPAB

Aug 14, 2002

PUB-NO: EP001230929A1

DOCUMENT-IDENTIFIER: EP 1230929 A1

TITLE: Inhibitors of cell regulatory factors and methods for preventing or reducing scarring

PUBN-DATE: August 14, 2002

INVENTOR-INFORMATION:

NAME
RUOSLAHTI, ERKKI I
US
LONGAKER, MICHAEL T
US
WHITBY, DAVID J
GB
HARPER, JOHN R
US
PIERSCHBACHER, MICHAEL D
BORDER, WAYNE A
US
US

INT-CL (IPC): A61 K 38/17; A61 P 17/02; A61 P 13/12

EUR-CL (EPC): C07K014/47; C07K014/47, C07K014/475, C07K014/495

h e b b g ee e f b e



☐ 12. Document ID: WO 9321945 A1

L2: Entry 12 of 15

File: EPAB

Nov 11, 1993

PUB-NO: WO009321945A1

DOCUMENT-IDENTIFIER: WO 9321945 A1

TITLE: METHODS FOR TREATING VASCULAR DISORDERS BY INHIBITING THE ENDOTHELIN STIMULATORY

ACTIVITY OF TGF beta

PUBN-DATE: November 11, 1993

INVENTOR-INFORMATION:

NAME COUNTRY

BROWN, MARVIN R HARPER, JOHN R

INT-CL (IPC): A61K 37/02; A61K 39/395
EUR-CL (EPC): A61K038/17; C07K016/22

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw, Desc Image

☐ 13. Document ID: WO 9319783 A1

L2: Entry 13 of 15

File: EPAB

Oct 14, 1993

PUB-NO: WO009319783A1

DOCUMENT-IDENTIFIER: WO 9319783 A1

TITLE: METHODS OF INHIBITING OR ENHANCING SCAR FORMATION IN THE CNS

PUBN-DATE: October 14, 1993

INVENTOR-INFORMATION:

NAME COUNTRY

LOGAN, ANN

BAIRD, ANDREW

INT-CL (IPC): A61K 39/395; A61K 37/02

EUR-CL (EPC): C07K016/22; A61K038/04, A61K038/17 , A61K038/18

Full Title Citation Front Review Classification Date Reference Converses Attachiner(1886 Claims KMC Draw, Desc Image

☐ 14. Document ID: WO 9309800 A1

L2: Entry 14 of 15

File: EPAB

May 27, 1993

PUB-NO: WO009309800A1

DOCUMENT-IDENTIFIER: WO 9309800 A1

h eb b g ee ef b e

TITLE: INHIBITORS OF CELL REGULATORY FACTORS AND METHODS FOR PREVENTING OR REDUCING SCARRING

PUBN-DATE: May 27, 1993

INVENTOR-INFORMATION:

NAME
RUOSLAHTI, ERKKI I
US
LONGAKER, MICHAEL T
US
WHITBY, DAVID J
GB
HARPER, JOHN R
US
PIERSCHBACHER, MICHAEL D
US
BORDER, WAYNE A
US

INT-CL (IPC): A61K 37/02; C07K 13/00; C12N 15/12; C12N 15/62 EUR-CL (EPC): C07K014/47; C07K014/47, C07K014/475, C07K014/495

Full 1	Title	Citation	Front	Review	Classification	Date	Reference	Septiment 1	Attachments	Claims	KWIC	Draw, Desc	Image

☐ 15. Document ID: US 20030124152 A1

L2: Entry 15 of 15

File: DWPI

Jul 3, 2003

DERWENT-ACC-NO: 2003-810975

DERWENT-WEEK: 200376

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TITLE: New cosmetic, pharmaceutical, or <u>dermatological compositions</u> containing <u>decorin</u>, for treating and preventing intrinsic and extrinsic aging of the skin, or for restoring skin to a more resiliency and youthful appearance

INVENTOR: PANG, D Z D

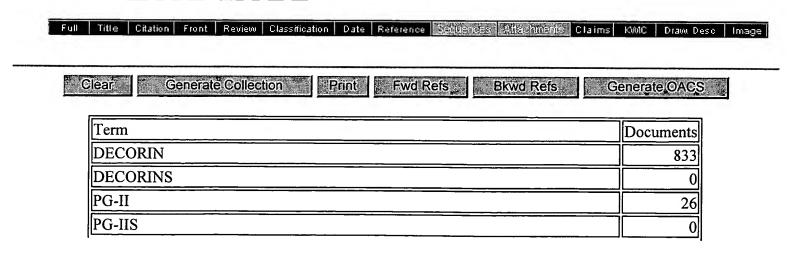
PRIORITY-DATA: 2001US-0004176 (November 2, 2001)

PATENT-FAMILY:

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 US 20030124152 A1
 July 3, 2003
 020
 A61K038/48

INT-CL (IPC): A61 K 7/00; A61 K 38/48



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PG-40S	0
PROTEOGLYCAN	5233
PROTEOGLYCANS	6081
II	1411480
IIS	2260
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FIELD CODE - 'AND' OPERATOR ASSUMED 'SKIN? (S) '
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           0 FILE FOMAD
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           O FILE FOREGE
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           0 FILE FROSTI
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           0 FILE FSTA
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          0 FILE GENBANK
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          O FILE HEALSAFE
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           6 FILE IFIPAT
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           0 FILE COMPENDEX
L70
           0 FILE COMPUAB
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L76
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=> s (DECORIN OR PG-II OR PG-40 OR PROTEOGLYCAN (W) (II OR 40)) (s) SKIN? (S) (AGING OR
COSMETIC?)
            0 FILE ADISCTI
L78
            0 FILE ADISINSIGHT
L79
L80
           0 FILE ADISNEWS
           0 FILE AGRICOLA
L81
L82
           0 FILE ANABSTR
           0 FILE AOUASCI
L83
           0 FILE BIOBUSINESS
L84
           0 FILE BIOCOMMERCE
L85
           0 FILE BIOSIS
L86
L87
           5 FILE BIOTECHDS
           1 FILE BIOTECHNO
L88
           0 FILE CABA
L89
           1 FILE CANCERLIT
L90
L91
           9 FILE CAPLUS
L92
           0 FILE CEABA-VTB
L93
           0 FILE CEN
           0 FILE CIN
L94
L95
           0 FILE CONFSCI
L96
           0 FILE CROPB
L97
           0 FILE CROPU
L98
           0 FILE DISSABS
          14 FILE DGENE
L100
           0 FILE DRUGB
           0 FILE DRUGMONOG2
           O FILE IMSDRUGNEWS
           0 FILE DRUGU
           0 FILE IMSRESEARCH
L105
            O FILE EMBAL
L106
            1 FILE EMBASE
            1 FILE ESBIOBASE
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED ') (S) SKIN?'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'SKIN? (S) '
            1 FILE FEDRIP
L109
            0 FILE FOMAD
L110
            0 FILE FOREGE
L111
           0 FILE FROSTI
L112
           0 FILE FSTA
L113
           0 FILE GENBANK
L114
           O FILE HEALSAFE
L115
           4 FILE IFIPAT
L116
           0 FILE IMSPRODUCT
L117
           2 FILE JICST-EPLUS
L118
           1 FILE KOSMET
L119
           0 FILE LIFESCI
L120
           0 FILE MEDICONF
L121
           O FILE MEDLINE
L122
           0 FILE NIOSHTIC
L123
           O FILE NTIS
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L127
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L128
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          0 FILE PHARMAML
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          0 FILE PHIC
          0 FILE PHIN
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          3 FILE PROMT
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L133
          0 FILE RDISCLOSURE
         0 FILE SCISEARCH
L134
          0 FILE SYNTHLINE
L135
          1 FILE TOXCENTER
L136
         97 FILE USPATFULL
L137
L138
          3 FILE USPAT2
          0 FILE VETB
L139
          0 FILE VETU
L140
          8 FILE WPIDS
L141
L142
          0 FILE IPA
          0 FILE NAPRALERT
L143
L144
          0 FILE NLDB
T.145
         0 FILE 1MOBILITY
         0 FILE COMPENDEX
L146
          0 FILE COMPUAB
L147
          0 FILE CONF
L148
          0 FILE ELCOM
L149
          0 FILE IMSDRUGCONF
L150
          0 FILE PAPERCHEM2
L151
L152
          0 FILE POLLUAB
L153
          0 FILE SOLIDSTATE
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TOTAL FOR ALL FILES

152 (DECORIN OR PG-II OR PG-40 OR PROTEOGLYCAN (W) (II OR 40)) (S) SKIN? (S) (AGING OR COSMETIC?)

=> dup rem 1152 L152 HAS NO ANSWERS

=> dup rem 1154

DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE, DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET, MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE, CONF, IMSDRUGCONF'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE PROCESSING COMPLETED FOR L154

134 DUP REM L154 (18 DUPLICATES REMOVED)

=> d 1155 1-34 ibib abs

L155 ANSWER 1 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2004:31192 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S): Desnoyers, Luc, San Francisco, CA, UNITED STATES

Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

NUMBER	KIND	DATE	
**** *********			

PATENT INFORMATION: US 2004023331 APPLICATION INFO.: US 2003-425447 A1 20040205 US 2003-425447 A1 20030428 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-907794, filed on 17

Jul 2001, GRANTED, Pat. No. US 6635468 Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation-in-part of Ser. No. WO 1998-US19330, filed

on 16 Sep 1998, PENDING

NUMBER DATE

PRIORITY INFORMATION:

US 1997-63128P 19971024 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HELLER EHRMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD

ROAD, MENLO PARK, CO, 94025-3506

NUMBER OF CLAIMS:

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L155 ANSWER 2 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2004:7971 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Desnoyers, Luc, San Francisco, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

NUMBER	KIND	DATE

PATENT INFORMATION: APPLICATION INFO.:

US 2004006211

A1 20040108 A1 20030529

(10)

US 2003-448713 RELATED APPLN. INFO.:

Continuation of Ser. No. US 2001-905125, filed on 12

Jul 2001, PENDING Continuation of Ser. No. US

2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000,

PENDING Continuation of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation of Ser. No. WO

1998-US19330, filed on 16 Sep 1998, PENDING

NUMBER DATE

PRIORITY INFORMATION:

US 1997-63128P

19971024 (60)

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE:

HELLER EHRMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD

ROAD, MENLO PARK, CO, 94025-3506

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

38

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21761

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are

vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 3 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2004:7431 USPATFULL

Secreted and transmembrane polypeptides and nucleic TITLE:

acids encoding the same

Desnoyers, Luc, San Francisco, CA, UNITED STATES INVENTOR (S):

> Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

KIND DATE NUMBER -----

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: US 2004005665 A1 20040108 US 2003-449656 A1 20030529 (10)

Continuation of Ser. No. US 2001-907794, filed on 17

Jul 2001, PENDING Continuation of Ser. No. US

2000-665350, filed on 18 Sep 2000, PENDING Continuation

of Ser. No. WO 2000-US4414, filed on 22 Feb 2000,

PENDING Continuation of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation of Ser. No. WO

1998-US19330, filed on 16 Sep 1998, PENDING

NUMBER DATE

PRIORITY INFORMATION:

US 1997-63128P 19971024 (60)

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE:

HELLER EHRMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD

ROAD, MENLO PARK, CO, 94025-3506

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

38

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21260

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 4 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2004:7320 USPATFULL

Secreted and transmembrane polypeptides and nucleic TITLE:

acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES

Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND -----

PATENT INFORMATION: APPLICATION INFO.:

US 2004005553 A1 20040108 US 2001-908576 A1 20010718 (9)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18

Sep 2000, PENDING

PRIORITY INFORMATION:

	NUMBER	DATE	
WO	1998-US18824	19980910	
WO	1998-US19177	19980914	
WO	1998-US19330	19980916	
WO	1998-US19437	19980917	
WO	1998-US25108	19981201	
WO	1999-US20594	19990908	
WO	1999-US20944	19990913	
WO	1999-US21090	19990915	
WO	1999-US21547	19990915	
WO	1999-US23089	19991005	
WO	1999-US28214	19991129	
WO	1999-US28313	19991130	
WO	1999-US28301	19991201	
WO	1999-US28564	19991202	
WO	1999-US28565	19991202	
WO	1999-US30095	19991216	
WO	1999-US30999	19991220	
WO	1999-US30911	19991220	
WO	2000-US219	20000105	
WO	2000-US3565	20000211	
WO	2000-US4414	20000222	
WO	2000-US5004	20000224	
WO	2000-US5841	20000302	
WO	2000-US7377	20000320	
WO	2000-US8439	20000330	
WO	2000-US14042	20000522	
WO	2000-US15264	20000602	
WO	2000-US20710	20000728	
WO	2000-US23328	20000824	
US		19970917	(60)
US	1997-59113P	19970917	(60)
US		19970917	(60)
US	1997-59119P	19970917	
US	1997-59263P	19970918	(60)
US	1997-59266P	19970918	(60)

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US 1997-62125P
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                    19971017 (60)
                    19971021 (60)
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                    19971024 (60)
US 1997-62814P
                    19971024 (60)
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                    19971027 (60)
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US 1997-63549P
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US 1997-66840P
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                    19990726 (60)
US 1999-146222P
                    19990728 (60)
Utility
APPLICATION
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DOCUMENT TYPE:
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FILE SEGMENT:

LEGAL REPRESENTATIVE:

APPLICATION
Ginger R. Dreger, Heller Ehrman White & McAuliffe LLP,

275 Middlefield Road, Menlo Park, CA, 94024 NUMBER OF CLAIMS: 38 EXEMPLARY CLAIM: 1

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT: 21287

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which

bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 5 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2004:27159 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S): Desnoyers, Luc, San Francisco, CA, United States

> Goddard, Audrey, San Francisco, CA, United States Godowski, Paul J., Hillsborough, CA, United States Gurney, Austin L., Belmont, CA, United States Mather, Jennie P., Millbrae, CA, United States

Williams, P. Mickey, Half Moon Bay, CA, United States

Wood, William I., Hillsborough, CA, United States

PATENT ASSIGNEE(S):

Genentech, Inc., South San Francisco, CA, United States

(U.S. corporation)

NUMBER KIND -----

US 6686451 B1 20040203 US 2001-902775 20010710 (9) PATENT INFORMATION: APPLICATION INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18 RELATED APPLN. INFO.:

Sep 2000 Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000 Continuation-in-part of Ser. No. WO 1999-US28313, filed on 30 Nov 1999 Continuation-in-part

of Ser. No. WO 1998-US19330, filed on 16 Sep 1998

NUMBER DATE

-----PRIORITY INFORMATION: US 1997-63128P 19971024 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: GRANTED

PRIMARY EXAMINER:

Kemmerer, Elizabeth

LEGAL REPRESENTATIVE: Barnes, Elizabeth M., Kresnak, Mark T., Dreger, Esq.,

Ginger R.

NUMBER OF CLAIMS: 5 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 124 Drawing Figure(s); 124 Drawing Page(s)

LINE COUNT: 21246

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L155 ANSWER 6 OF 134 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2004-00310 BIOTECHDS

TITLE:

New cosmetic, pharmaceutical, or dermatological compositions containing decorin, for treating and preventing intrinsic and extrinsic aging of the

skin, or for restoring skin to a more resiliency and youthful appearance;

recombinant protein production via plasmid expression in

host cell for use in disease therapy

AUTHOR: PANG D Z D PATENT ASSIGNEE: PANG D Z D

PATENT INFO: US 2003124152 3 Jul 2003 APPLICATION INFO: US 2001-4176 2 Nov 2001

PRIORITY INFO: US 2001-4176 2 Nov 2001; US 2001-4176 2 Nov 2001

DOCUMENT TYPE: Patent LANGUAGE: English OTHER SOURCE: WPI: 2003-810975 [76]

AN 2004-00310 BIOTECHDS

AB DERWENT ABSTRACT:

NOVELTY - A **cosmetic**, pharmaceutical, or dermatological composition containing **decorin** dissolved or dispersed for topical administration in a **cosmetic**, dermatological, or pharmaceutical vehicle, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for treating the **skin** of a human to combat **aging** by applying to the **skin** a **decorin**-containing **cosmetic**, dermatological, or pharmaceutical composition.

BIOTECHNOLOGY - Preferred Composition: **Decorin** is naturally derived or produced by recombinant means, and comprises the human mature core protein having a 329 amino acid sequence, given in the specification. The human **decorin** core protein is present in an amount of 0.5-5000, preferably 5-500 micro-g/ml.

ACTIVITY - Antiaging. Human decorin core protein (HDCP) cream was applied to one side of the facial skin area between the temple, the outer canthus and the upper cheek. A control study was also carried out at the same time on the other side of the facial skin using a control cream having the same ingredients with the HDCP cream except it does not contain HDCP. Twenty-four volunteers, 21-50 years old, were included in the study. Each volunteer was given 2 jars of color-labeled creams, the HDCP and the control, and were told to use one cream on one side of the facial skin 2 times a day for 10 weeks. Results indicated that in the age group of 21-30, the facial skin on the side using HDCP cream was smoother than the control side and the occurrence of fine line was retarded. In the age group 31-40, fine lines disappeared and skin was smoother. In the age group 41-50, fine lines and small wrinkles were significantly reduced or diminished. Large wrinkles were dramatically toned down, and skin appeared smoother and youthful.

MECHANISM OF ACTION - None given.

USE - The decorin-containing composition is useful for treating and preventing intrinsic (due to genetic factors) and extrinsic (due to environmental factors) aging of the skin. The composition is also useful for repairing damaged skin from aging, restoring skin to a more resiliency and youthful appearance, and reducing, eliminating or even reversing the signs of aging, including loss of elasticity, fine lines and wrinkles.

ADMINISTRATION - The **decorin**-containing composition is administered topically. No dosage is given.

ADVANTAGE - The **decorin**-containing composition overcomes the drawbacks of other anti-aging agents, such as causing skin allergy reactions, discomforts, susceptibility to damaging effects of the sun after application, and accelerated photoaging of the skin.

EXAMPLE - The double stranded cDNA of human decorin core protein (HDCP) was synthesized from human skin fibroblast cDNA library using Taq DNA polymerase, and a set of upstream and downstream oligonucleotide primers for HDCP. The PCR-amplified DNA fragments were gel-purified and cloned into pGEM-T vectors. After ligation, DNA was transformed into Escherichia coli DH5alpha cells. Plasmid isolated from one of the colonies was confirmed to contain the right size of the insert by analyses of restriction endonucleases and to comprise a DNA sequence of HDCP by DNA sequence in both directions by the chain termination method. Plasmid containing the insert encoding the HDCP was digested with restriction endonuclease to release the DNA insert. Fragments were purified and ligated to expression vector pZDGU9, which was then transformed into competent E. coli strain N4830-1 for expression and purification of HDCP. HDCP samples were analyzed by 8 % sodium dodecyl sulfate (SDS) polyacrylamide gel electrophoresis, and protein bands were visualized by Coomassie blue staining. The apparent molecular weight of HDCP was 40 kDa and its PI is 8.7. (20 pages)

ACCESSION NUMBER: 2003:855779 CAPLUS

DOCUMENT NUMBER: 139:341449

TITLE: Long-chain unsaturated carboxylic acid derivatives

used in cosmetics

INVENTOR (S): Barclay, Scott Sinclair; Bosley, John Anthony;

Donovan, Robert Mark; James, Alexander Gordon; Mayes,

Andrew Easson; Rogers, Julia Sarah

Unilever PLC, UK; Unilever NV; Hindustan Lever Limited PATENT ASSIGNEE(S):

SOURCE: PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE _____ ----______

WO 2003088942 A1 20031030 WO 2003-EP3876 20030415

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES,

FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,

KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,

MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,

SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM,

ZW, AM, AZ, BY

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,

CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,

GW, ML, MR, NE, SN, TD, TG

US 2003206936 A1 20031106 US 2003-420629 20030422

PRIORITY APPLN. INFO .:

EP 2002-252812 A 20020422 MARPAT 139:341449

OTHER SOURCE(S): GΙ

$$R^{1}$$
 R^{2}
 R^{3}
 R^{3}

AB Disclosure is a cosmetic composition for topical application to human skin comprising an effective amount of a long-chain unsatd. Phenyl-containing carboxylic acid of general formula (I): n is an integer between 1 and 5; z is -OH or -O- or-OR1; each R1 is independently C1-4 straight or branched chain alkyl, -CH2OH or -COOH; R2 is independently R1, -CH2COOH or -COOH; and R3 is independently -CH2-, -CH3 or -COOH; A is a or b; and salt and ester derivs. thereof. For example, sarghydroguinoic acid was found to have the anti-aging and anti-inflammatory effect and was incorporated into the emulsion cream for skin care.

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L155 ANSWER 8 OF 134 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 3

AN 10355262 IFIPAT; IFIUDB; IFICDB

4

Ι

TITLE: COSMETIC COMPOSITION AND METHOD OF TREATING SKIN INVENTOR(S):

Blachford; Sarah Louise, Bedford, GB Ginger; Rebecca Susan, Bedford, GB Mayes; Andrew Easson, Bedford, GB Rogers; Julia Sarah, Bedford, GB

Yates; Paula Rachel, Bedford, GB

PATENT ASSIGNEE(S):

Unilever Home & Personal Care USA, Division of

Conopco. Inc.

AGENT:

UNILEVER PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER,

NJ, 07020, US

		NUMBER	PK	DATE
PATENT INFORMATION:	US	2003099677	A1	20030529
APPLICATION INFORMATION:	US	2002-213234		20020806

NUMBER DATE -----------

PRIORITY APPLN. INFO.: FAMILY INFORMATION:

GB 2001-195866 20010810 US 2003099677 20030529

Utility

3

Patent Application - First Publication

FILE SEGMENT:

DOCUMENT TYPE:

CHEMICAL APPLICATION

NUMBER OF CLAIMS:

A cosmetic method for treating aged, sensitive, dry, flaky, wrinkled and/or photodamaged skin is provided through topical application of a composition which comprises trans-7octadecanoic acid and/or derivatives thereof. The invention also relates to compositions suitable for such cosmetic treatment.

CLMN 3

L155 ANSWER 9 OF 134 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 4

AN TITLE: 10295263 IFIPAT; IFIUDB; IFICDB

COSMETIC COMPOSITION AND METHOD OF TREATING SKIN;

TOPICAL; MIXTURE OF FATTY ACID AND VEHICLE

INVENTOR (S):

Ginger; Rebecca Susan, Bedford, GB Mayes; Andrew Easson, Bedford, GB Rogers; Julia Sarah, Bedford, GB Yates; Paula Rachel, Bedford, GB

PATENT ASSIGNEE(S):

Unilever Home & Personal Care USA, Division of

Conopco, Inc.

AGENT:

UNILEVER PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER,

NJ, 07020, US

	NUMBER		DATE
PATENT INFORMATION:	US 2003039672	A1	20030227
APPLICATION INFORMATION:	US 2002-211427		20020806

	NUMBER	DATE
PRIORITY APPLN. INFO.:	GB 2001-195833	20010810
FAMILY INFORMATION:	US 2003039672	20030227

DOCUMENT TYPE:

Utility Patent Application - First Publication

FILE SEGMENT: CHEMICAL

APPLICATION

NUMBER OF CLAIMS:

10

A cosmetic method for treating aged, sensitive, dry, flaky, wrinkled and/or photodamaged skin is provided through topical application of a composition which comprises an unsaturated C16 fatty acid having at least three double bonds, which may be preferably hexadecatrienoic acid, and/or derivatives thereof. The invention also relates to compositions suitable for such cosmetic treatment

CLMN

L155 ANSWER 10 OF 134 USPATFULL on STN

2003:165864 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

DUPLICATE 5

acids encoding the same

INVENTOR(S):

ACCESSION NUMBER:

Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES

PATENT ASSIGNEE(S):

US 6664376 B2 20031216 APPLICATION INFO.: US 2001-905125 A1 20010712

APPLICATION INFO.: US 2001-905125 A1 20010712 (9) RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350

Continuation of Ser. No. US 2000-665350, filed on 18

DATE

Wood, William I., Hillsborough, CA, UNITED STATES

Genentech, Inc. (U.S. corporation)

Sep 2000, PENDING

NUMBER

PRIORITY INFORMATION:

WO	1998-US18824	19980910	
	1998-US19177	19980914	
	1998-US19330	19980916	
WO		19980917	
WO	1998-US25108	19981201	
WO	1999-US20594	19990908	
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	1999-US28313	19991130	
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US	1997-59115P	19970917	(60)
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                    19981222 (60)
US 1999-143048P
                    19990707 (60)
US 1999-145698P
                    19990726 (60)
US 1999-146222P
                    19990728 (60)
Utility
APPLICATION
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DOCUMENT TYPE: FILE SEGMENT:

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, WO, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

38 1 NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21859

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic AB acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 11 OF 134 USPATFULL on STN

DUPLICATE 6

ACCESSION NUMBER:

2003:140093 USPATFULL

TITLE:

Anti-aging skin care composition and uses thereof

INVENTOR(S):

Klysz, Beatrice M., New York, NY, UNITED STATES

NUMBER KIND DATE -----

PATENT INFORMATION:

APPLICATION INFO.:

US 2003095933 A1 20030522 US 2002-294375 A1 20021114 (10)

NUMBER DATE

PRIORITY INFORMATION:

US 2001-331455P 20011116 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY,

10112

NUMBER OF CLAIMS:

12

EXEMPLARY CLAIM: LINE COUNT:

638

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed toward anti-aging skin care compositions comprising Vitamin B1, Vitamin B5, Vitamin C,

N-acetyl-cysteine and, optionally, lipoic acid. The present invention is further directed toward methods for therapeutically or prophylactically treating the consequences of aging on the condition or appearance of the skin. The present invention further provides one or more kits that are useful for delaying, treating or preventing the consequences of aging on the condition or appearance of the skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 12 OF 134 USPATFULL on STN

DUPLICATE 7

ACCESSION NUMBER:

TITLE:

2003:71392 USPATFULL Secreted Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES

Mather, Jennie P., Millbrae, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003049677	A1	20030313	
	US 6635468	B2	20031021	
APPLICATION INFO.:	US 2001-907794	A1	20010717 (9)	
RELATED APPLN. INFO.:	Continuation of Sep 2000, PENDIN		. US 2000-665350	, filed on 18

PRIORITY INFORMATION:

	NUMBER	DATE	
WO	1998-US18824	19980910	
WO	1998-US19177	19980914	
WO	1998-US19330	19980916	
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WO	1998-US25108	19981201	
WO	1999-US20594	19990908	
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US 1999-146222P
                   19990728 (60)
Utility
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DOCUMENT TYPE:

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: 3 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT:

21771

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 13 OF 134 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI ON STN ACCESSION NUMBER: 2003-19560 BIOTECHDS
TITLE: Novel modified pro-alpha-chain useful for treating wounds and

fibrotic disorders, has triple helical forming domain linked to N-terminal domain that contains a polypeptide sequence from proteoglycan protein core;

vector-mediated gene transfer, expression in host cell and triple helix for recombinant protein production and gene

therapy

AUTHOR: KADLER K E; BULLEID N J
PATENT ASSIGNEE: UNIV VICTORIA MANCHESTER
PATENT INFO: WO 2003035692 1 May 2003
APPLICATION INFO: WO 2002-GB4785 23 Oct 2002

PRIORITY INFO: GB 2001-25372 23 Oct 2001; GB 2001-25369 23 Oct 2001

DOCUMENT TYPE: Patent LANGUAGE: English

OTHER SOURCE: WPI: 2003-504991 [47]

AN 2003-19560 BIOTECHDS

AB DERWENT ABSTRACT:

NOVELTY - A modified pro-alpha-chain (I) comprising a triple helical forming domain linked to at least one N-terminal domain characterized in that the N-terminal domain contains a polypeptide sequence from at least part of a proteoglycan protein core, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: (1) a DNA molecule (II) encoding (I); (2) a procollagen molecule (III) comprising a trimer pro-alpha- chains characterized in that at least one of the pro-alpha-chain is (I); (3) a collagen polymer (IV) comprising collagen monomers, where at least some of the collagen monomers contained in it have retained N-propeptides characterized in that at least some of the retained N-propeptides contain a polypeptide sequence from at least part of a proteoglycan protein core; (4) a shrinkage resistant collagen matrix (V) comprising collagen monomers characterized in that at least some of the monomers have modified N-terminals domains to provide a matrix that is resistant to contraction; (5) a dressing (VI) comprising (IV) or (V); (6) an artificial skin/tissue or a body implant (VII), comprising (V); and (7) a delivery system (IX) comprising (I), capable of being transcribed to lead the expression of the modified proalpha-chain at a wound site or site of fibrosis.

BIOTECHNOLOGY - Preparation: (I) is expressed by (II) in a cell or expression system containing (II), where (II) is designed by molecular biology techniques. Preferred Protein: The triple helical forming domain is from a fibrillar forming pro-alpha-chain of type I, II, III, IV or XI. Preferably, the triple helical forming domain is from a proalphal (III) chain. The N-terminal domain comprises a whole proteoglycan molecule, decorin, biglycan, fibromodulin, lumican or their functional derivatives. The N-terminal domain comprises at least one leucine-rich repeat of 20-24 amino acids found in the decorin family of proteoglycans, or betaglycan or its functional derivatives. N- proteinase cleavage site associated with the N-terminal propeptide domain is modified such as to alter the domain's susceptibility to cleavage, preferably the domain may not be cleaved. A region between the helical forming domain and the N- propeptide forming domain of the pro-alpha chain is modified to confer resistance to N-proteinases. Pro-Gln in the region is altered to Leu-Pro. The N-terminal domain of (I) comprises a sequence of 1726 amino acids fully defined in the specification. Preferred Compounds: (III) is loaded with a growth factor e.g. transforming growth factor (TGF)-beta1 or TGF-beta3, for release at a target site. The C-terminal domain of (III) is removed. In (IV), the collagen monomers having retained propeptide domains are derived from (III). At least some of the collagen monomers have an N-terminal domain containing leucine rich repeat sequences, or polypeptide sequence from a proteoglycan. At least 50 % of (V) comprises collagen having modified N-terminal domains.

ACTIVITY - Vulnerary.

MECHANISM OF ACTION - None given. No biological data is given.

USE - (I), (III), (IV), (V) or (VI) is useful for the treatment of medical conditions, and in the manufacture of a medicament for use in the treatment of wounds or fibrotic disorders. (I), (III), (IV), (V) or (VI)

is useful for coating medical products or devices, and for coating a catheter. (IV) or (VII) is useful in the treatment of medical conditions, in cosmetic treatment and as an advanced filler material in facial aesthetic procedures. (IX) is useful for treating wounds and fibrotic disorders, and in the manufacture of a medicament for treating wounds and fibrotic conditions. (All claimed.) (IV) is useful for forming a macroscopic collagen matrix or gel.

ADMINISTRATION - (I), (II), (III) or (IV) is administered directly or topically. 1 ng-10 mg, preferably 1 microg-1 mg of (IV) is

EXAMPLE - DNA sequence encoding modified pro-alpha chain polypeptide was constructed comprising the entire coding region for decorin in place of the globular domain of the N-propeptide of the pro-alpha1 (III) chain. First a PCR product was prepared containing the entire coding region for decorin but lacking its natural stop codon. To facilitate subsequent cloning and fusion with the type III procollagen sequence, a NotI restriction enzyme site was introduced with the sense PCR primer and the overlapping sequence for type III procollagen within the antisense PCR primer. The template for the PCR reaction was a decorin cDNA clone (NCBI XM012239) comprising a 1111 nucleotide sequence, given in the specification. The sequence of the PCR oligonucleotides were (all 5'-3'): 5' end (including NotI site) -CACGTTACTGAGCGGCCGCACTGTTCCCTGGTTGTGAAAATAC (01) and 3' end -GCCTTGAGGTCCTTGACCATTCTTATAGTTTCCGAGTTGAATGG (O2) (sequence overlapping the proalphal(III) sequence at the junction site, underlined). A PCR product containing a sequence from proalphal(III) chain up to the junction site (i.e. at the end of the N- propeptide globular domain) to a unique BamHI restriction enzyme site within the triple helical domain, was prepared. The template for this reaction was a proalphal(III) chain cDNA. The PCR oligonucleotides used with the proalpha1 (III) chain template were 5' end - AATGGTCAAGGACCTCAAGGC (O3) (complementary to the overlap region of O1, and 3' end - AGACCCTGCAGGTCCAACTT (O4). The two PCR products (from primers O1 and O2, and O3 and O4) were then purified and mixed and a secondary PCR reaction carried out to join the two PCR products together and to amplify the resulting joined product. The 5' and 3' oligonucleotides used in the secondary PCR reaction were: 5' end -CACGTTACTGAGCGGCCGCACTGTTCCCTGGTTGTGAAAATAC and 3' end -AGACCCTGCAGGTCCAACTT. The PCR product resulting from the secondary PCR reaction was then digested with NotI and BamHI, and subcloned into the BamHI site within the coding region of the proalphal (III) cDNA. The resulting construct was a DNA molecule encoding modified pro-alpha chain polypeptide, and contained the entire coding region for decorin (including the amino terminal signal sequence) that replaced the globular domain from the N- propeptide of the proalphal(III) chain. The entire nucleotide sequence of the DNA molecule contained 5216 nucleotides fully defined in the specification, and the amino acid sequence of modified pro-alpha chain contained 1726 amino acids, given in the specification. The DNA molecule was subcloned into the expression vector PCEP4 for expression in human embryonic kidney (HEK)-293-EBNA cells. Modified pro-alpha chains were generated in the endoplasmic reticulum of HEK 293-EBNA cells. The molecules were then automatically formed into a homotrimer, and the obtained modified procollagen molecule was designated as dec- proalpha1(III) or Prodec (RTM). (73 pages)

L155 ANSWER 14 OF 134 USPATFULL on STN ACCESSION NUMBER: TITLE:

INVENTOR (S):

2003:319504 USPATFULL

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

Desnoyers, Luc, San Francisco, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

KIND DATE NUMBER ______

PATENT INFORMATION: APPLICATION INFO.:

US 2003225253 A1 20031204 US 2003-448923 A1 20030529

A1 20030529 (10)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2001-905125, filed on 12 Jul 2001, PENDING Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation of Ser. No. WO

1998-US19330, filed on 16 Sep 1998, PENDING

NUMBER DATE

PRIORITY INFORMATION:

US 1997-63128P 19971024 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HELLER EHRMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD

ROAD, MENLO PARK, CO, 94025-3506

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

38 1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21306

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 15 OF 134 USPATFULL on STN

ACCESSION NUMBER: TITLE:

2003:306470 USPATFULL

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR (S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

DATE

PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

> NUMBER KIND

PATENT INFORMATION:

APPLICATION INFO.: RELATED APPLN. INFO.: US 2003215904 A1 20031120 US 2001-906722 A1 20010716 (9) Continuation of Ser. No. US 2000-665350, filed on 18

DATE

Sep 2000, PENDING

NUMBER

PRIORITY	TNFORMATION:

	NUMBER	DATE	
wo	 1998-US18824	19980910	
WO	1998-US19177	19980914	
WO	1998-US19330	19980914	
WO	1998-US19437	19980917	
WO	1998-US25108	19981201	
WO	1999-US20594	19990908	
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WO	1999-US21090	19990915	
WO	1999-US21547	19990915	
WO	1999-US23089	19991005	
WO	1999-US28214	19991129	
WO	1999-US28313	19991130	
WO	1999-US28301	19991201	
WO	1999-US28564	19991202	
WO	1999-US28565	19991202	
WO	1999-US30095	19991216	
WO	1999-US30999	19991220	
WO	1999-US30911	19991220	
WO	2000-US219	20000105	
WO	2000-US3565	20000211	
WO	2000-US4414	20000222	
WO	2000-US5004	20000224	
WO	2000-US5841	20000302	
OW	2000-US7377	20000320	
WO	2000-US8439	20000330	
WO	2000-US14042	20000522	
WO	2000-US15264	20000602	
WO	2000-US20710	20000728	
WO	2000-US23328	20000824	
US	1997-59115P	19970917	(60)
US	1997-59184P	19970917	(60)
US	1997-59122P	19970917	(60)
US	1997-59117P	19970917	(60)
US	1997-59113P	19970917	(60)
US	1997-59121P	19970917	(60)
US	1997-59119P	19970917	(60)
US	1997-59263P	19970918	(60)
US	1997-59266P	19970918	(60)
US	1997-62125P	19971015	(60)
US	1997-62287P	19971017	
US	1997-62285P	19971017	(60)
US	1997-63486P	19971021	(60)
US	1997-62816P	19971024	(60)
US	1997-62814P	19971024	(60)
US	1997-63127P	19971024	(60)
US	1997-63120P	19971024	(60)
US	1997-63121P	19971024	(60)
US	1997-63045P	19971024	(60)
US	1997-63128P	19971024	(60)
US	1997-63329P	19971027	(60)
US	1997-63327P	19971027	(60)
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US	1997-63541P	19971028	(60)
US	1997-63550P	19971028	(60)
US	1997-63542P	19971028	(60)
US	1997-63544P	19971028	(60)
US	1997-63564P	19971028	(60)
US	1997-63734P	19971029	(60)
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US 1999-145698P
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US 1999-146222P
                   19990728 (60)
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DOCUMENT TYPE:

FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE:

BRINKS HOFER GILSON & LIONE, WO, P.O. BOX 10395,

CHICAGO, IL, 60610

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21859

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic AB acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 16 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:300352 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES

Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE

PATENT INFORMATION: US 2003211576 A1 20031113

APPLICATION INFO.: US 2002-298993 A1 20021118 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18

Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite

1150, 201 California Street, San Francisco, CA,

94111-3335

NUMBER OF CLAIMS: 38 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21304

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 17 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:300345 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES
Botstein, David, Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES

Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Genentech, Inc. (U.S. corporation)

DATE

PATENT ASSIGNEE(S):

PATENT INFORMATION:	US 2003211569	A1 20031113	
APPLICATION INFO.:	US 2001-904938	A1 20010712 (9)
RELATED APPLN. INFO.:	Continuation of Ser	. No. US 2000-66	53
	C. COCO DEVENTAG		

350, filed on 18

KIND

Sep 2000, PENDING

NUMBER

PRIORITY INFORMATION:

	NUMBER	DATE	
WO		19980910	
WO	1998-US19177	19980914	
WO	1998-US19330	19980916	
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WO	1999-US28564	19991202	
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WO	2000 US5841	20000224	
WO	2000 US3041 2000-US7377	20000302	
WO	2000 US8439	20000320	
WO	2000-US14042	20000522	
WO	2000-US15264	20000602	
WO	2000-US20710	20000728	
WO	2000-US23328	20000824	
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US	1997-59266P	19970918	(60)
US	1997-62125P	19971015	(60)
US	1997-62287P	19971017	(60)
US	1997-62285P	19971017	(60)
US	1997-63486P	19971021	(60)
US	1997-62816P	19971024	(60)
US	1997-62814P	19971024	(60)
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US	1997-63120P	19971024	(60)
US	1997-63121P	19971024	(60)
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US	1997-63128P	19971024	(60)

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                  19990707 (60)
US 1999-145698P
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US 1999-146222P
                  19990728 (60)
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DOCUMENT TYPE: FILE SEGMENT:

Utility
APPLICATION

LEGAL REPRESENTATIVE:

BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO,

IL, 60610

NUMBER OF CLAIMS:

38 1

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21764

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 18 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:300344 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S):

NUMBER KIND DATE

US 2003211568 A1 20031113
US 2001-904805 A1 20010712 (9)

Genentech, Inc. (U.S. corporation)

PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation

of Ser. No. WO 1998-US19330, filed on 16 Sep 1998,

PENDING

NUMBER DATE

PRIORITY INFORMATION:

US 1997-63327P 19971027 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

NUMBER OF DRAWINGS:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

30

EXEMPLARY CLAIM:

124 Drawing Page(s)

LINE COUNT:

22079

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 19 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:293924 USPATFULL

TITLE:

Cosmetic composition and method of treating skin and

hair

INVENTOR(S):

Barclay, Scott Sinclair, Broadstairs, UNITED KINGDOM

Bosley, John Anthony, Kettering, UNITED KINGDOM

Donovan, Robert Mark, Montmorency, FRANCE

James, Alexander Gordon, Sharnbrook, UNITED KINGDOM Mayes, Andrew Easson, Sharnbrook, UNITED KINGDOM

Rogers, Julia Sarah, Sharnbrook, UNITED KINGDOM PATENT ASSIGNEE(S):

Unilever Home & Personal Care USA, Division of Conopco,

Inc. (non-U.S. corporation)

NUMBER KIND DATE -----PATENT INFORMATION: US 2003206936 A1 20031106

US 2003-420629 APPLICATION INFO.: A1 20030422 (10)

> NUMBER DATE

PRIORITY INFORMATION: EP 2002-252812 20020422

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

LEGAL REPRESENTATIVE: UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER,

NJ, 07020

NUMBER OF CLAIMS: 14 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 845

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

A cosmetic composition for topical application to human skin comprising an effective amount of a hydroxy phenyl alkyl carboxylic acid of general

formula (I): ##STR1##

wherein n is an integer between 1 and 5;

wherein z is OH or O or OR.sup.1;

wherein each R.sup.1 is independently C.sub.1-4 straight or branched chain alkyl, CH.sub.20H or COOH;

wherein each R.sup.2 is independently R.sup.1, CH.sub.2COOH or COOH; and

wherein at least are R.sup.2 is COOH; and

wherein each R.sup.3 is independently -- CH.sub.2--, CH.sub.3 or COOH;

and salt and ester derivatives thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 20 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:271008 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR (S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES

Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES

Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

KIND DATE NUMBER -----US 2003190611 A1 20031009 US 2001-907728 A1 20010717 (9)

Continuation of Ser. No. US 2000-665350, filed on 18

Sep 2000, PENDING

PRIORITY INFORMATION:

	NUMBER	DATE	
WO		19980910	
MO	1998-US19177	19980914	
WO	1998-US19330	19980916	
WO	1998-US19437	19980917	
WO	1998-US25108	19981201	
WO	1999-US20594	19990908	
MO	1999-US20944	19990913	
WO	1999-US21090	19990915	
WO	1999-US21547	19990915	
WO	1999-US23089	19991005	
WO	1999-US28214	19991129	
WO	1999-US28313	19991130	
WO	1999-US28301	19991201	
WO	1999-US28564	19991202	
WO	1999-US28565	19991202	
WO	1999-US30095	19991216	
WO	1999-US30999	19991220	
WO	1999-US30911	19991220	
MO	2000-US219	20000105	
WO	2000-US3565	20000211	
WO	2000-US4414	20000222	
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WO	2000-US8439	20000330	
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US	1997-62123P	19971013	(60)
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US	1997-63486P	19971017	(60)
US	1997-62816P	19971021	(60)
US	1997-62814P	19971024	(60)
US	1997-63127P	19971024	(60)
US	1997-63120P	19971024	(60)
US	1997-63121P	19971024	(60)
US	1997-63045P	19971024	(60)
US	1997-63128P	19971024	(60)
US	1997-63329P	19971027	(60)
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US 1999-145698P
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US 1999-146222P
                   19990728 (60)
Utility
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DOCUMENT TYPE:

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

1

38

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21876

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 21 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:271007 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES

PATENT ASSIGNEE(S):

NUMBER KIND ------US 2003190610 A1 20031009 US 2001-906618 A1 20010716 (9) PATENT INFORMATION: APPLICATION INFO.:

Genentech, Inc. (U.S. corporation)

Continuation of Ser. No. US 2000-665350, filed on 18

DATE

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

DATE

Sep 2000, PENDING

NUMBER

PRIORITY INFORMATION:

RELATED APPLN. INFO.:

WO	1998-US18824	19980910	
WO	1998-US19177	19980914	
WO	1998-US19330	19980916	
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WO	1999-US20944	19990913	
WO	1999-US21090	19990915	
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WO	2000-US219	20000105	
	2000-US3565		
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WO	2000-US5004 2000-US5841	20000224	
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WO	2000-US7377	20000320	
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	2000-US14042		
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	2000-US20710		
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Utility
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DOCUMENT TYPE: FILE SEGMENT:
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APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, WO, 2040 MAIN

STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

38 1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21653

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AΒ The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 22 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:266221 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Aviv, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S):

NUMBER KIND -----

NUMBER DATE

Genentech, Inc. (U.S. corporation)

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: US 2003187238 A1 20031002 US 2001-903562 A1 20010711 (9)

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

PRIORITY INFORMATION:

-----WO 1998-US18824 19980910 WO 1998-US19177 19980914 WO 1998-US19330 19980916 WO 1998-US19437 19980917 WO 1998-US25108 19981201 WO 1999-US20594 19990908 WO 1999-US20944 19990913 WO 1999-US21090 19990915 WO 1999-US21547 19990915 WO 1999-US23089 19991005 WO 1999-US28214 19991129 WO 1999-US28313 19991130 WO 1999-US28301 19991201 WO 1999-US28564 19991202 WO 1999-US28565 19991202 WO 1999-US30095 19991216

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DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, WO, 2040 MAIN

STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: 38 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21722

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 23 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:265343 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR (S):

PATENT ASSIGNEE(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

Genentech, Inc. (U.S. corporation)

NUMBER KIND DATE

-----A1 20031002 US 2003186358 US 2001-904877 A1 20010712

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation

of Ser. No. WO 1998-US19437, filed on 17 Sep 1998,

PENDING

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PRIORITY I	NFORMATION: WO	1998-US	318824	19980910	
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US 1999-143048P
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US 1999-145698P
US 1999-146222P
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Utility
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DOCUMENT TYPE:

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

BRINKS HOFER GILSON & LIONE, WO, P.O. BOX 10395,

CHICAGO, IL, 60610

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21836

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 24 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:264832 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED
STATES

Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S):

NUMBER KIND DATE

Genentech, Inc. (U.S. corporation)

PATENT INFORMATION:

US 2003185846 A1

A1 20031002

APPLICATION INFO.: RELATED APPLN. INFO.:

US 2002-299937 A1 20021118 (10)

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO

2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. US 2000-664610, filed on 18 Sep 2000, ABANDONED Continuation of Ser. No. WO 1999-US21090, filed on 15 Sep 1999, PENDING Continuation of Ser. No.

WO 1998-US19330, filed on 16 Sep 1998, PENDING Utility

DOCUMENT TYPE:

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite 1150, 201 California Street, San Francisco, CA,

94111-3335

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

38 1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21469

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 25 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:257262 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR (S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES
Botstein, David, Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S):

NUMBER KIND DATE -----

Genentech, Inc. (U.S. corporation)

PATENT INFORMATION:

US 2003180312 A1 20030925

APPLICATION INFO.:

US 2002-299976 A1 20021118 (10)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18

Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

STATES

LEGAL REPRESENTATIVE:

Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite

1150, 201 California Street, San Francisco, CA,

94111-3335

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21306

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 26 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:237894 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES William, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

PATENT	INFORMA'	TION:
APPLICA	TION IN	FO.:
RELATED	APPLN.	INFO.:

NUMBER KIND DATE
----US 2003166051 A1 20030904
US 2001-904920 A1 20010713 (9)

NUMBER

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1998-US19330, filed on 16 Sep 1998, PENDING

DATE

PRIORITY INFORMATION:

	NOMBER	DATE	
WO		19980910	
WO	1998-US19177	19980914	
WO	1998-US19437	19980917	
WO	1998-US25108	19981201	
MO	1999-US20594	19990908	
WO	1999-US20944	19990913	
MO	1999-US21090	19990915	
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WO	2000-US219	20000105	
WO	2000-US3565	20000211	
WO	2000-US5004	20000224	
WO	2000-US5841	20000302	
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WO	2000-US15264	20000602	
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WO	2000-US23328	20000824	
US	1997-59122P	19970917	(60)
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US 1999-145698P
                    19990726 (60)
US 1999-146222P
                    19990728 (60)
Utility
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DOCUMENT TYPE:

FILE SEGMENT: LEGAL REPRESENTATIVE: APPLICATION
KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

38 1 NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21249

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 27 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:219709 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES
Botstein, David, Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE

PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.:

US 2003152999 A1 20030814 US 2001-904766 A1 20010712 (9)

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

		NUMBER	R DATE
PRIORITY	INFORMATION:	WO 1998-US188	19980910
		WO 1998-US191	
		WO 1998-US193	30 19980916
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		WO 1998-US251	.08 19981201
		WO 1999-US205	19990908
		WO 1999-US209	19990913
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		WO 1999-US215	19990915

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US 1997-69425P 19971212 (60) US 1998-88026P 19980604 (60) US 1998-99803P 19980910 (60) US 1998-100262P 19980914 (60) US 1998-100858P 19980917 (60) US 1998-104080P 19981013 (60) US 1998-109304P 19981120 (60) US 1998-113296P 19981222 (60) US 1999-143048P 19990707 (60) US 1999-145698P 19990726 (60) US 1999-146222P 19990728 (60)

DOCUMENT TYPE:

APPLICATION FILE SEGMENT:

LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT: 21282

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Utility

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 28 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:219632 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES

Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES

Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

> KIND DATE NUMBER -----

PATENT INFORMATION: APPLICATION INFO.:

US 2003152922 A1 20030814 US 2001-904532 A1 20010713 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18

DDTODTOV	TATEIODMANITON.
PRIORITY	INFORMATION:

	NUMBER	DATE	
	1998-US18824 1998-US19177	19980910	
WO WO	1998-US19177 1998-US19330	19980914 19980916	
WO	1998-US19437	19980917	
WO	1998-US25108	19981201	
WO	1999-US20594	19990908	
WO	1999-US20944	19990913	
WO	1999-US21090 1999-US21547	19990915 19990915	
WO	1999-US23089	19991005	
WO	1999-US28214	19991129	
WO	1999-US28313	19991130	
WO	1999-US28301	19991201	
WO	1999-US28564 1999-US28565	19991202 19991202	
WO	1999-US30095	19991216	
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WO	1999-US30911	19991220	
WO	2000-US219	20000105	
WO	2000-US3565 2000-US4414	20000211	
WO	2000-US5004	20000222	
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WO	2000-US7377	20000320	
MO	2000-US8439	20000330	
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WO	2000-US23328	20000824	
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US	1997-63704P	19971029	(60)
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US 1997-63735P 19971029 (60) US 1997-63732P 19971029 (60) US 1997-64103P 19971031 (60) US 1997-63870P 19971031 (60) US 1997-64248P 19971103 (60) US 1997-64809P 19971107 (60) US 1997-65186P 19971112 (60) US 1997-65846P 19971117 (60) US 1997-65693P 19971118 (60) US 1997-66120P 19971121 (60) US 1997-66364P 19971121 (60) US 1997-66772P 19971124 (60) US 1997-66466P 19971124 (60) US 1997-66770P 19971124 (60) US 1997-66511P 19971124 (60) US 1997-66453P 19971124 (60) US 1997-66840P 19971125 (60) US 1997-69425P 19971212 (60) US 1998-88026P 19980604 (60) US 1998-99803P 19980910 (60) US 1998-100262P 19980914 (60) US 1998-100858P 19980917 (60) US 1998-104080P 19981013 (60) US 1998-109304P 19981120 (60) 19981222 (60) US 1998-113296P US 1999-143048P 19990707 (60) US 1999-145698P 19990726 (60) US 1999-146222P 19990728 (60)

DOCUMENT TYPE:

FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

22046

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 29 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:213781 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR (S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES
Botstein, David, Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Genentech, Inc. (U.S. corporation)

DATE

PATENT ASSIGNEE(S):

PATENT INFORMATION: US 2003148419 A1 20030807
APPLICATION INFO.: US 2001-903603 A1 20010711 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-6653

NUMBER

ED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

KIND

PRIORITY INFORMATION:

NUMBER DATE -----WO 1998-US18824 19980910 WO 1998-US19177 19980914 WO 1998-US19330 19980916 WO 1998-US19437 19980917 WO 1998-US25108 19981201 WO 1999-US20594 19990908 WO 1999-US20944 19990913 WO 1999-US21090 19990915 WO 1999-US21547 19990915 WO 1999-US23099 19991015 WO 1999-US28214 19991129 WO 1999-US28313 19991130 WO 1999-US28301 19991201 WO 1999-US28564 19991202 WO 1999-US28565 19991202 WO 1999-US30095 19991216 WO 1999-US30999 19991220 WO 1999-US30911 19991220 WO 2000-US219 20000105 WO 2000-US3565 20000211 WO 2000-US4414 20000222 WO 2000-US5004 20000224 WO 2000-US5841 20000302 WO 2000-US7377 20000320 WO 2000-US8439 20000330 WO 2000-US14042 20000522 WO 2000-US15264 20000602 WO 2000-US20710 20000728 WO 2000-US23328 20000824 US 1997-59115P 19970917 (60) 19970917 (60) US 1997-59122P 19970917 (60) US 1997-59117P US 1997-59113P 19970917 (60) 19970917 (60) US 1997-59121P 19970917 (60)
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US 1997-66511P
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US 1997-66453P
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US 1997-69425P
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US 1998-99803P
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US 1998-100262P
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                    19981013 (60)
US 1998-109304P
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US 1998-113296P
                    19981222 (60)
US 1999-143048P
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US 1999-145698P
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US 1999-146222P
                    19990728 (60)
Utility
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DOCUMENT TYPE:

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO,

IL, 60610

NUMBER OF CLAIMS:

38 1

EXEMPLARY CLAIM:

124 Drawing Page(s)

NUMBER OF DRAWINGS: LINE COUNT:

21361

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 30 OF 134 USPATFULL on STN

ACCESSION NUMBER:

2003:213733 USPATFULL

TITLE:

INVENTOR (S):

Secreted and transmembrane polypeptides and nucleic acids encoding the same Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED Gurney, Austin L., Belmont, CA, UNITED STATES

Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

	NOTIDER	TCTIO	21111		
PATENT INFORMATION:	US 2003148371	A1	20030807		
APPLICATION INFO.:	US 2001-906777	A1	20010716	(9)	
RELATED APPLN. INFO.:	Continuation of	Ser. No	. US 2000-	665350,	fi

NUMBER

MIMPED

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

DATE

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KIND

PRIORITY INFORMATION:

WO	1998-US18824	19980910
WO	1998-US19177	19980914
WO	1998-US19330	19980916
WO	1998-US19437	19980917
WO	1998-US25108	19981201
WO	1999-US20594	19990908
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MO	2000-US20710	20000728

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Utility
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DOCUMENT TYPE: FILE SEGMENT:

LEGAL REPRESENTATIVE:

APPLICATION

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

22022

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 31 OF 134 USPATFULL on STN

ACCESSION NUMBER: TITLE:

2003:213732 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES

Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S):

NUMBER KIND DATE

Genentech, Inc. (U.S. corporation)

PATENT INFORMATION: APPLICATION INFO.:

US 2003148370 A1 20030807 US 2001-904838 A1 20010713 (9)

RELATED APPLN. INFO.:

NUMBER

WO 1999-US23089 19991005 WO 1999-US28214 19991129

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

DATE

PRIORITY	INFORMATION:	WO	1998-US18824	19980910
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DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

APPLICATION

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT: 21736

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AΒ The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 32 OF 134 USPATFULL on STN

ACCESSION NUMBER:

TITLE:

2003:195214 USPATFULL

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

> KIND NUMBER

PATENT INFORMATION:

US 2003135025 A1 20030717

APPLICATION INFO.: RELATED APPLN. INFO.:

US 2001-904992 Al 20010712 (9) Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

PRIORITY INFORMATION:

NUMBER	DATE	
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WO 1998-US18824	19980910	
WO 1998-US19177	19980914	
WO 1998-US19330	19980916	
WO 1998-US19437	19980917	
WO 1998-US25108 WO 1999-US20594	19981201 19990908	
WO 1999-US20944	19990913	
WO 1999-US21090	19990915	
WO 1999-US21547	19990915	
WO 1999-US23089	19991005	
WO 1999-US28214	19991129	
WO 1999-US28313	19991130	
WO 1999-US28301 WO 1999-US28564	19991201 19991202	
WO 1999-US28565	19991202	
WO 1999-US30095	19991216	
WO 1999-US30999	19991220	
WO 1999-US30911	19991220	
WO 2000-US219	20000105	
WO 2000-US3565	20000211	
WO 2000-US4414	20000222	
WO 2000-US5004 WO 2000-US5841	20000224 20000302	
WO 2000-US7377	20000302	
WO 2000-US8439	20000330	
WO 2000-US14042	20000522	
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WO 2000-US20710	20000728	
WO 2000-US23328	20000824	(60)
US 1997-59115P US 1997-59184P	19970917 19970917	(60) (60)
US 1997-59122P	19970917	(60)
US 1997-59117P	19970917	(60)
US 1997-59113P	19970917	(60)
US 1997-59121P	19970917	(60)
US 1997-59119P	19970917	
US 1997-59263P US 1997-59266P	19970918	(60)
US 1997-59266P US 1997-62125P	19970918 19971015	(60) (60)
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DOCUMENT TYPE:

FILE SEGMENT:

APPLICATION

US 1997-63435P

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

19971029 (60)

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21817

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 33 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:188696 USPATFULL

TITLE:

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

INVENTOR(S):

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE ------US 2003130489 A1 20030710 US 2001-903806 A1 20010711

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

(9)

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

DATE

PRIORITY INFORMATION:

WO 1998-US18824 19980910 WO 1998-US19177 19980914 WO 1998-US19330 19980916 WO 1998-US19437 19980917 WO 1998-US25108 19981201 WO 1999-US20594 19990908 WO 1999-US20944 19990913

NUMBER

WO 1999-US21090 19990915 WO 1999-US21547 19990915 WO 1999-US23089 19991005

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WO 2000-US4414 20000222 WO 2000-US5004 20000224

WO 2000-US5841 20000302

WO 2000-US7377 20000320 WO 2000-US8439 20000330

WO 2000-US14042 20000522

WO 2000-US15264 20000602 WO 2000-US20710 20000728

WO 2000-US23328 20000824

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DOCUMENT TYPE: FILE SEGMENT:

Utility
APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,

FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

38 1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT: 21267

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L155 ANSWER 34 OF 134 USPATFULL on STN

ACCESSION NUMBER:

INVENTOR(S):

TITLE:

2003:187802 USPATFULL

Secreted and transmembrane polypeptides and nucleic

acids encoding the same

Ashkenazi, Avi, San Mateo, CA, UNITED STATES Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES

Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED

STATES

Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES

Pan, James, Belmont, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES

Stewart, Timothy A., San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES

Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE -----US 2003129592 A1 20030710 US 2001-905449 A1 20010713 (9)

APPLICATION INFO.:

PATENT INFORMATION:

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

NUMBER DATE

PRIORITY INFORMATION:

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KNOBBE, MARTENS, OLSON & BEAR, LLP, WO, 2040 MAIN LEGAL REPRESENTATIVE:

STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614

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21830

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